

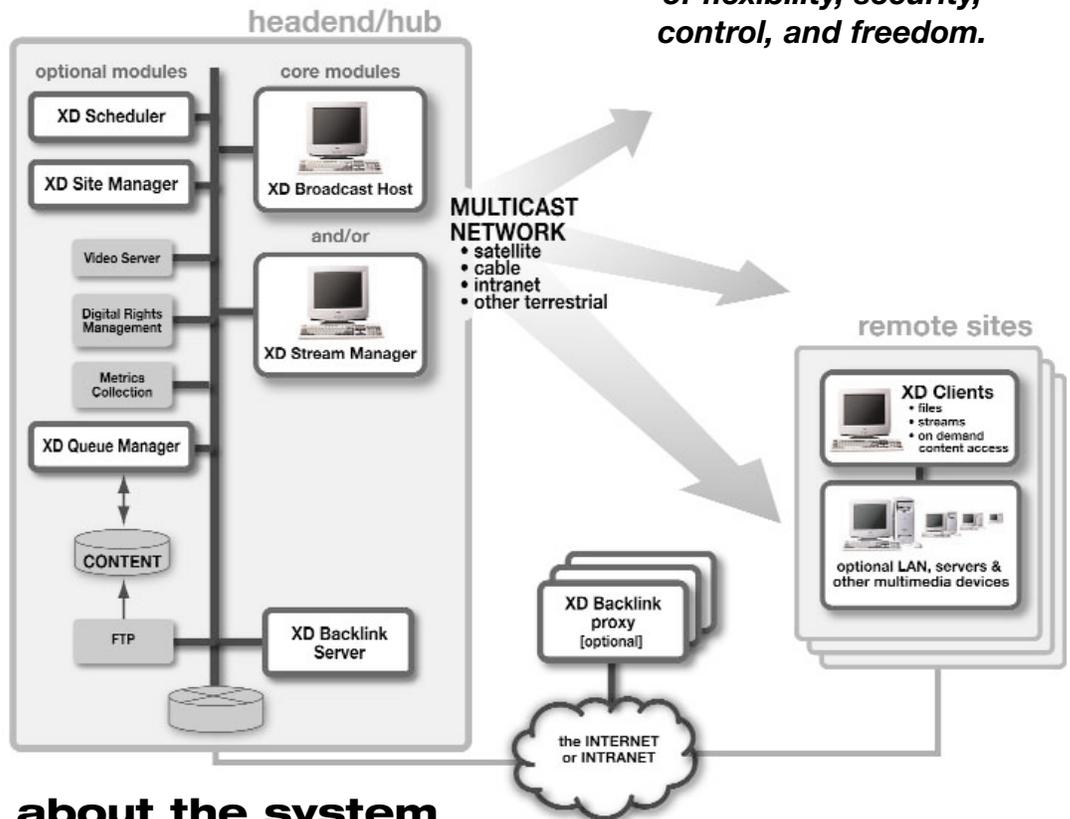
Datacast XD

content distribution made simple

Datacast XD is the state-of-the-art content distribution software system that lets you multicast broadband multimedia content with an unprecedented degree of flexibility, security, control, and freedom.

features:

- scalable, easy to grow
 - easy to use—quick to implement
 - full-featured SDK
 - supports remote operations
 - low-impact client
 - encryption and conditional access
 - secure addressable file transfer & stream management
 - variable file-based forward error correction
 - transport stream FEC
 - file reconstruction
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- Datacast XD is multi-platform: works with Windows, Linux, and Solaris operating systems**
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- Custom configure the system—buy only the modules you need!**



about the system

XD Broadcast Host is the core module for the entire system. Exploiting a robust protocol that is highly resilient to data disruption, the Broadcast Host offers unprecedented flexibility in implementation, ease of use, and support for multiple connectivity options. The Broadcast Host incorporates sophisticated conditional access schemes and offers file transport packaging featuring compression, encryption and variable forward error correction.

XD Backlink Server enables XD Clients to utilize an Internet/intranet-based return channel to confirm receipt and request retransmission of missing file packets. The Backlink Server is unique in its ability to return missing packets over the main multicast channel, or—alternatively—unicast directly over the return channel. Unicast return enables precise calculation of time required to broadcast a specific file.

XD Client works in tandem with the XD head-end modules to provide secure, reliable multicast delivery of both files and streams across any broadcast network. Extremely efficient coding on the Client means that use of CPU resources is minimal, leaving processing power for other applications. An Internet or intranet back channel can be used (where available) to request retransmission of missing file packets, and to confirm successful file delivery. The XD Enterprise Client upgrade provides a complete solution to on-demand distribution of content at remote sites.

XD Client comes pre-loaded on IDC's SFX2100 series of Satellite Multimedia Server Appliances and works with any IP satellite receiver as well as cable, intranet and other terrestrial technology.



